



# Sam Royall

## Software Developer

samroy2247@gmail.com

07934 407965

## About Me

With over seven years of experience delivering reliable, user-focused digital solutions in professional environments, I have developed strong technical and analytical skills while working collaboratively to solve complex problems and improve systems and processes. Experienced in cross-functional teamwork, I am adaptable, self-motivated, and take a proactive approach to learning, continuous improvement, and delivering high-quality results.

## Technical Skills

**Languages & Frameworks:** TypeScript, JavaScript (Node.js), React, Next.js, HTML/CSS, SQL, Pine Script

**Frontend:** Tailwind CSS, shadcn/ui, Radix UI, Charts & Animation (ApexCharts, Framer Motion, GSAP), responsive UI

**Backend & Data:** PostgreSQL, Prisma, Firebase, Cloud SQL, REST APIs, webhooks, schema design, query optimisation

**Authentication & Integrations:** Auth.js/NextAuth, JWT, RBAC, Stripe, Resend, Anthropic API, TradingView, Cloudflare R2

**DevOps & Tooling:** Vercel, Google Cloud, GitHub Actions, Turborepo, Jest, Vitest, ESLint, Prettier, CI/CD

## Experience

### Software Developer

Rouic Ltd

2022 - Present

- Designed and delivered a bespoke CRM platform for an international health and safety organisation, improving service delivery, operational efficiency and management of client information.
- Developed a scheduling and resource management system, supporting effective planning, coordination and delivery of business operations.
- Created a dashboard reporting solution to provide stakeholders with accessible, data-driven insights and support informed decision-making.
- Managed the end-to-end software development lifecycle, translating business requirements into effective technical solutions while maintaining system performance and continuous improvement.

### Software Developer

Computech IT Services

2018 - 2021

- Successfully completed a Level 3 IT Professional Apprenticeship, progressing into a permanent Software Developer position through strong technical performance and professional development.
- Contributed to the development, maintenance and continuous improvement of a bespoke ERP/CRM/MRP business system, using JavaScript, React, TypeScript and SQL to support business operations, alongside Git, GitLab and YouTrack for version control and structured software delivery.

## Projects

### SSG-Cloud / SSG-React

Enterprise SaaS platform using TypeScript, Next.js, Firebase, and Google Cloud. Contributed to CRM, scheduling, dashboards, role-based access, APIs, and shared component libraries within a large monorepo.

### Carerealm4

Multi-app React platform built with TypeScript and Turborepo. Worked on API deployment, testing workflows (Jest/Playwright), and shared package architecture.

## Education

### Level 3 IT Professional Apprenticeship

Cornwall College

2020

Gained hands-on experience in software development, coding principles, systems analysis, database technologies and IT support, combining technical learning with workplace application in a commercial environment.

### Level 3 Diploma in Creative Media Production

City College Plymouth

2016

Developed practical skills in digital media, content creation, video production, editing, visual communication, and creative storytelling, alongside experience delivering collaborative and deadline-driven projects.